



ABSTRACT OF THE DISCLOSURE

A method for the determination of the lighting quality of vehicle headlights, particularly automobile headlights, comprising the steps of directing the light of each headlight onto a screen, measuring the distribution of illumination on the screen or the luminous intensity distribution in a solid angle of the emitted light beam, transforming the obtained results by known geometric methods using a computer program to the real distribution of vertical illumination on the road surface, using these transformed results to calculate light quality values such as M_k for the illumination of the road, N_l for the glare experienced by the drivers, k for sector S_k established for the road surface and its surroundings, and l for the sector S_l established for the surface at the eye-level of the glare exposed drivers, and thereafter comparing the calculated light quality values to the required values for headlamps to determine the lighting quality of the vehicle headlights.